



BORING LOG RW-41

 Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 355-3838		SOIL BORING LOG		PAGE 1 of 1 DATE 1/6/2011 LOGGED BY RJ GSI JOB No. 09173	
ROUTE <u>II. Route 59 (FAP 338)</u> DESCRIPTION <u>Illinois Route 59-Aurora Avenue/New York Street To Ferry Road</u>		SECTION <u>(112 & 113) WRS-5</u> LOCATION <u>SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township</u>			
COUNTY <u>DuPage</u> DRILLING METHOD <u>Hollow Stem Auger</u> HAMMER TYPE <u>CME Automatic</u>		STRUCT. NO. <u>022-W051</u> Station: <u>4018+30 to 4020+80</u> BORING NO. RW-41 Station: <u>4019+48 IL RTE-59</u> Offset: <u>54.0' Left</u> Ground Surface Elev. <u>710.2</u>			
DEPTH (ft) BLOW COUNT (blows/ft) U.C.S. (tsf) M.O.I.S.T. (%)	DEPTH (ft) BLOW COUNT (blows/ft) U.C.S. (tsf) M.O.I.S.T. (%)	Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>696.2</u> Upon Completion <u>678.2</u> After _____ Hrs. _____			
709.0	AS - 14	TOPSOIL-black		3	112
4				5	
2				7	2.28 19
3	1.25P 16				
		CLAY LOAM-dark brown, gray & black-medium stiff stiff (A-6) Fill		3	
1	110			10	
3				7	1.25P 17
5	1.08 17	CLAY-gray-stiff to very stiff (A-6)		25	
				2	106
1	102			3	
2	0.7B 20			3	1.9B 22
702.2					
		CRUSHED STONE SCREENINGS - loose (Fill)		3	112
2				5	
2				6	1.9B 19
10	3 NP 5				
699.7					
		CLAY LOAM-dark brown & gray-soft to medium stiff (A-6) Fill		5	116
1				3	
3	0.9B 21			5	1.1B 14
1				3	
1	0.25P 26			5	1.1B 14
15	1	End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		35	
694.7					
		CLAY-gray-stiff to very stiff (A-6)		3	116
3				8	1.8B 13
5				3	112
3				5	
5				6	3.8B 18
20					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer), ST-Shelby Tube Sample, VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
 NR-No Recovery

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ROUTE <u>II. Route 59 (FAP 338)</u> DESCRIPTION <u>Illinois Route 59-Aurora Avenue/New York Street To Ferry Road</u>		SECTION <u>(112 & 113) WRS-5</u> LOCATION <u>SEC. 3, 9-10, 15-16, 21-22 TWP. 38N, RNG. 9E, Naperville Township</u>			
COUNTY <u>DuPage</u> DRILLING METHOD <u>Hollow Stem Auger</u> HAMMER TYPE <u>CME Automatic</u>		STRUCT. NO. <u>022-W051</u> Station: <u>4018+30 to 4020+80</u> BORING NO. RW-42 Station: <u>4020+18 IL RTE-59</u> Offset: <u>47.5' Left</u> Ground Surface Elev. <u>711.3</u>			
DEPTH (ft) BLOW COUNT (blows/ft) U.C.S. (tsf) M.O.I.S.T. (%)	DEPTH (ft) BLOW COUNT (blows/ft) U.C.S. (tsf) M.O.I.S.T. (%)	Surface Water Elev. <u>n/a</u> Stream Bed Elev. <u>n/a</u> Groundwater Elevation: First Encounter <u>Dry</u> Upon Completion <u>Dry</u> After _____ Hrs. _____			
710.8	AS - 15	TOPSOIL-black		4	116
		CLAY LOAM with Stone-brown-stiff (A-6) Fill		6	
				7	4.0B 16
				2	1.25P 17
708.3					
		SILTY CLAY-dark brown, gray & black-medium stiff to stiff (A-6) Fill, Wet		5	116
				7	
				10	3.5B 17
		CLAY-gray-very stiff to hard (A-6)		25	
				4	116
				6	
				9	3.6B 16
703.3					
		TOPSOIL-black		4	114
				6	
				6	3.4B 18
				10	
700.8					
		SILTY CLAY-dark brown, gray & black-medium stiff (A-6/A-7) Wet		1	84
				2	
				2	0.5B 33
698.3					
		SILTY CLAY LOAM-gray-loose (A-4)		3	108
				6	
				6	2.0B 20
				15	
695.8		End Of Boring @ -35.0' Hollow Stem Augers CME Automatic Hammer		35	
		CLAY-gray-very stiff to hard (A-6)		3	120
				6	2.4B 15
				3	122
				6	
				7	3.5B 14
20					

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 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in Italics above moist (%)
 NR-No Recovery

FILE NAME = ...60R31-W051-012-Boring-log.dgn



DESIGNED - JLA	REVISED -
CHECKED - LAS	REVISED -
DRAWN - SAW	REVISED -
CHECKED - JLA	REVISED -

SCALE - NONE
 DATE - 12/14/2012

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BORING LOGS 2
 STA. 4018 + 30.06 TO STA. 4020 + 80.00 S.N. 022-W051**

SHEET NO. SC-12 OF SC-12 SHEETS

F.A.P. RTE. 338	SECTION (112 & 113) WRS-6	COUNTY DUPAGE	TOTAL SHEETS 734	SHEET NO. 520
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				